Enterprise Maps

Software Version: 3.20
Windows and Linux Operating System

Virtual Appliance Quick Start Guide

Hewlett Packard
Enterprise

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be present in this PDF version. Those topics can be successfully printed from within the online help.

Contents

Chapter 1: About This Guide

Welcome to the HPE Enterprise Maps - Virtual Appliance *Quick Start Guide*. This guide explains how to use the Virtual Appliance to use the trial version of HPE Enterprise Maps (HPE EM).

This guide contains the following chapters:

Chapter 2: HPE EM Virtual Appliance Overview

Trial Version

The HPE EM Virtual Appliance is a trial version of the product you may use for evaluation purposes. The trial version contains a 60 days instant-on license.

Log in to the Virtual Appliance

The Virtual Appliance can be accessed through HTTP/S, a console, or SSH.

To SSH to the machine, use the following credentials (recommended):

- User name: **hpe**
- Password: **changeit**

For administrative tasks use the following credentials (not recommended):

- User name: **root**
- Password: **hpedemo**

Warranty

The HPE EM Virtual Appliance is provided as-is with no warranty.

Prior to using the Virtual Appliance you must agree with the terms and conditions provided in the homepage.

Chapter 3: Hardware and Software Prerequisites

The following hardware and software is required to run the Virtual Appliance:

- 64-bit Operating System (Windows/Mac/Linux)

- VirtualBox 5

- VMware Workstation Player 12

- Intel CPU with minimum 2 cores and hardware virtualization support (VT-x/AMD-V) enabled

- At least 8GB RAM

- At least 20GB free hard disk space

Chapter 4: Steps to Set Up and Use the Virtual Appliance

To set up and use the Virtual Appliance to use the Trial version of HPE EM, follow these 5 procedures:

1. Download the Virtual Appliance File

Step 1. Open www.hp.com/go/em, click Free Trial, fill in the Evaluation form, click Continue and Agree to the Software Download Terms of Use.

Step 2. Select Using Standard Download and download the Virtual Appliance file.

The size of the Virtual Appliance file is over 2.6GB. Allocate several hours to download it.

# 2. Deploy the Virtual Appliance Using the Oracle VirtualBox

Open http://www.virtualbox.org to download and install Oracle VirtualBox (refer to "Hardware and Software Prerequisites" on page 7 for supported versions).

Step 3. Start the VirtualBox: **Select File > Import Appliance** and then select the downloaded hpe-em-3.20.ova file.

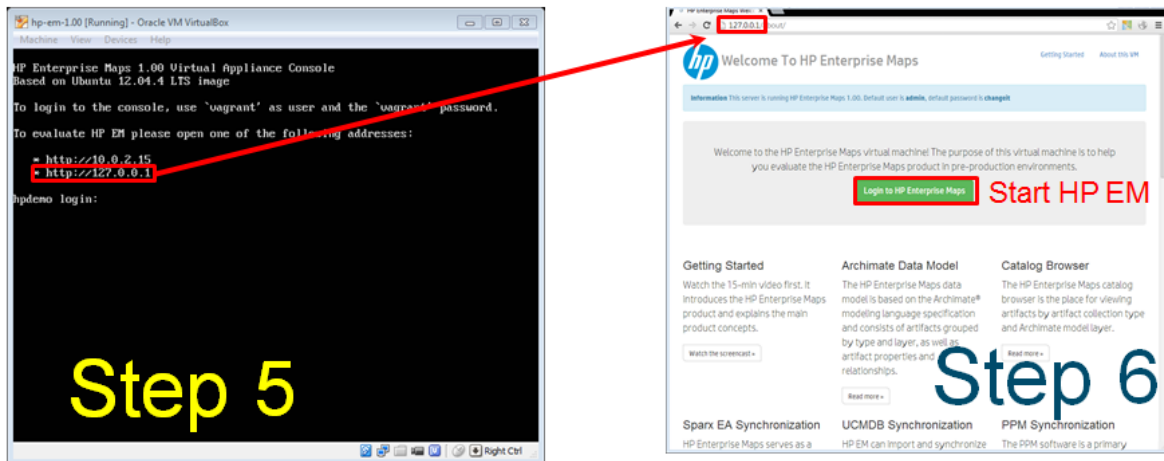**Step 4**. Start the Virtual Appliance: Click **Start**.
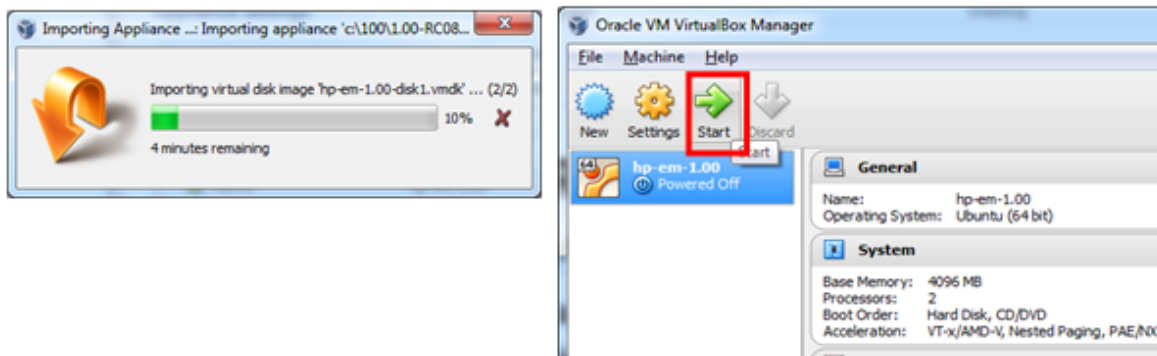
HPE EM also supports VMware virtualization software.

3. Open the HPE EM Welcome Page

Step 5. Wait for login prompt to appear and locate the HPE EM addresses in your console.

Step 6. Use one of the addresses in your web browser and click the green Login button to open the HPE EM login page.

The trial version contains a 60 days instant-on license. To renew the license, use the HPE Licensing Portal http://enterpriselicense.hpe.com/redirector/home.

If the Welcome page is not displayed, try to open other listed address from the console. If all addresses are inaccessible, refer to Troubleshooting section in README.TXT or contact your sales representative for support.

4. Log In to HPE EM

Step 7: Login using **admin** as the User Name and **changeit** as the Password.
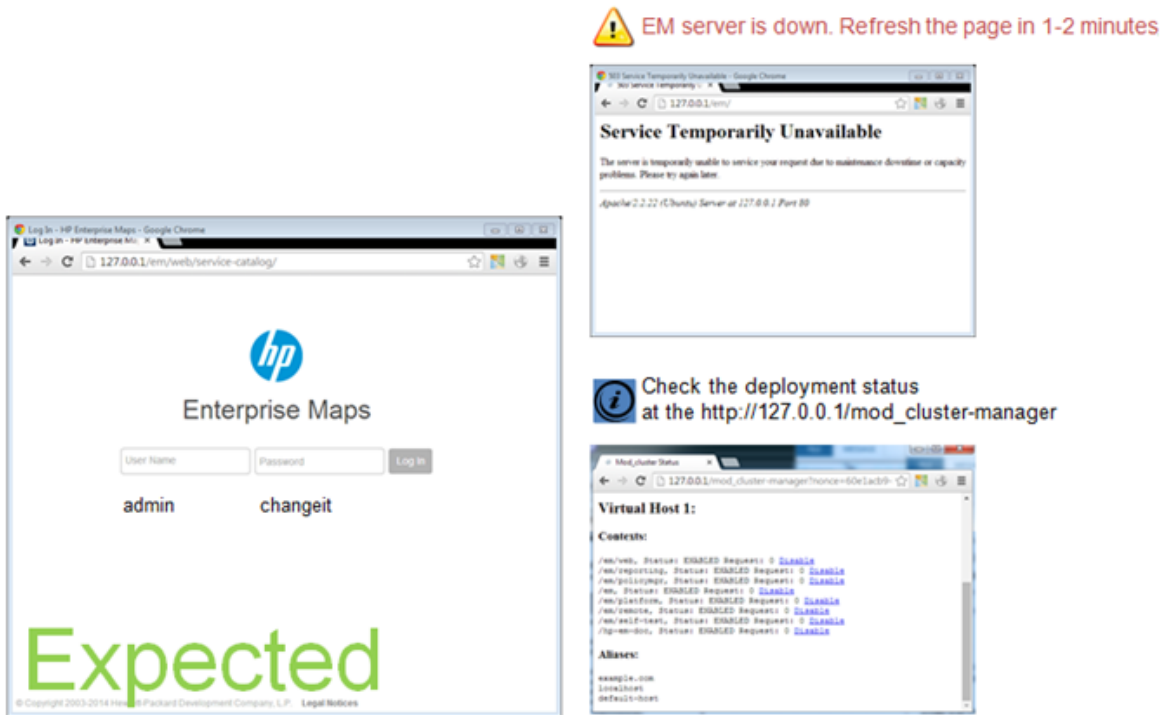
5. Power-Off the Virtual Appliance

To Close the Virtual Appliance, select one of the following options:

- **Save the machine state** - Similar to hibernate on a real computer. The Virtual Appliance will start quickly but requires additional disk space.

- **Send the shutdown signal** - Full Virtual Appliance shutdown. Same effect as if you had pressed the power button on a real computer
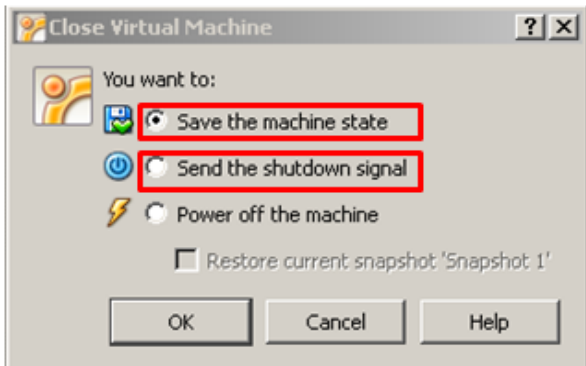
Both options will save all the data stored in the HPE EM software.

Chapter 5: Re-import and Clear Demo Data in HPE EM

This chapter describes how to re-import the demo data in HPE EM and how to clear the data as follows:
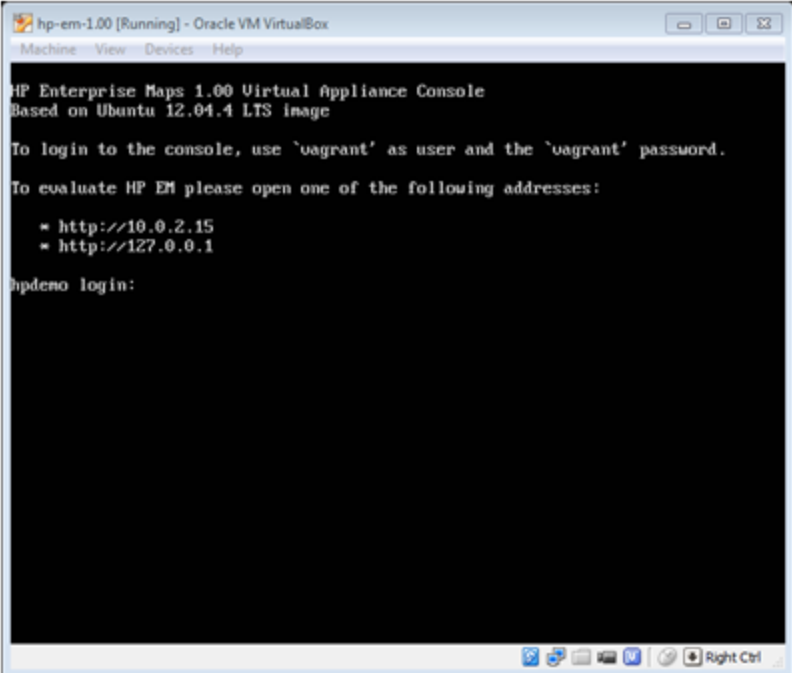
- "Re-import Demo Data to HPE EM" below

- "Clear the Data in HPE EM" on the next page

Re-import Demo Data to HPE EM

Login to the console: login: **hpe** password: **changeit**	

Type the following command (appears in console help):

```
demo
```

Clear the Data in HPE EM

Login to the console: login: **hpe** password: **changeit**	
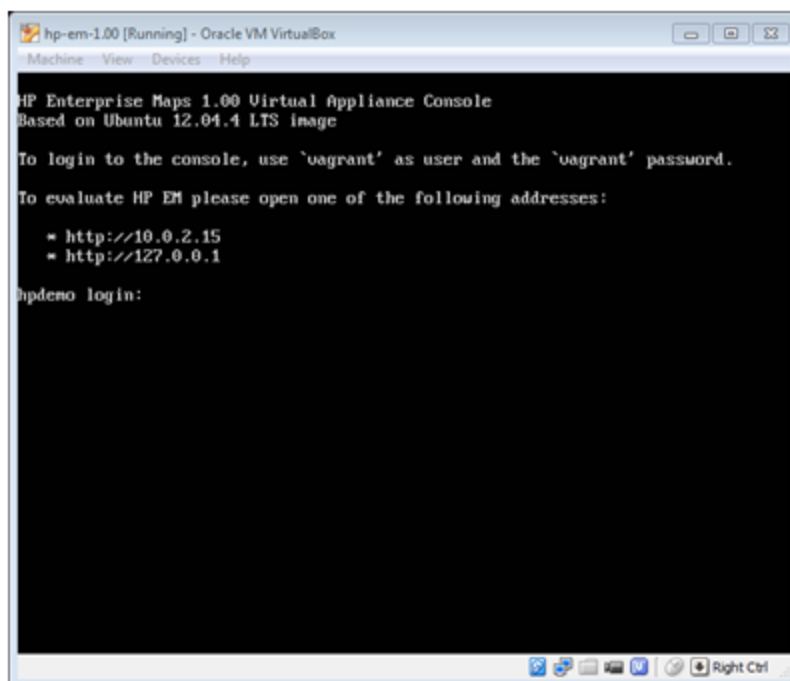
Type the following command (appears in console help):

```
reset
```

Chapter 6: Install the Extension for Sparx Systems Enterprise Architect Plugin

Step 1. Login to HPE EM, download the HPE EM Extension for Sparx Systems Enterprise Architect (EA) plugin and install the `hpe-em-sparx-3.20.msi` file.

Step 2. Open the project in Extension for Sparx Systems EA, and configure the HPE EM repository.

Step 3. Export and import data with HPE EM.

Caution: The HPE EM synchronization will change the EAP file irreversibly. Use a separate EAP copy for testing purposes.
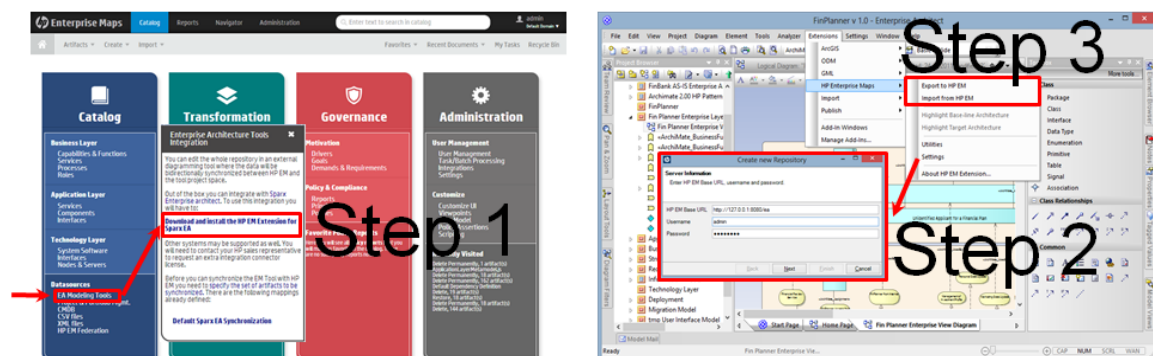
Chapter 7: Install and Configure Cloud Service Automation

This topic describes the steps to be followed to set up CSA into EM.

Download and Install CSA Installer

- As soon as you log in to the VA console, in the Welcome message you see *csainstall* option, which is really a bash alias prepared to call the script and launch "Easy CSA installation".

- To run *csa.download* and *csa.install* in one step, run *csainstall* command after you login as HPE user.

SSO Configuration (Single Sign-On)

This configuration is optional and requires administration rights to modify the hosts file.

To configure:

- Run *make sso.configure*. This file ensures all the steps in the SSO configuration are complete

Refer the tables below for endpoints available for both EM and CSA post installation & deployment, and SSO configuration respectively:

Endpoints for Installation & Deployment

Product	URL	User Name	Password
EM	http://<ipaddress>:8180/em	admin	changeit
CSA	https://<ipaddress>:8444/ csa	admin	cloud
OO Central (Operations Orchestration)	http://<ipaddress>:8643/oo	admin	changeit

Go to Cloud Transformation tile and select either the Cloud Assessment sub-tile or the Reports sub-tile.

Endpoints for SSO Configuration

Product	URL	User Name	Password
EM	https://hpedemo.example.com:8543/em	admin	cloud
CSA	https://hpedemo.example.com:8444/ csa	admin	cloud

Once HPE EM and HP CSA are installed and configured, you can simply run the Makefile targets as follows for subsequent use:
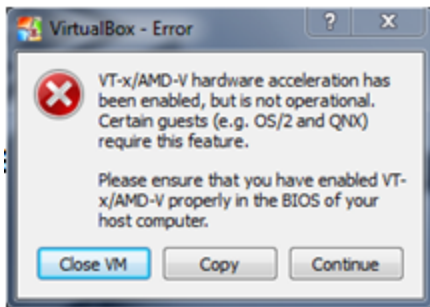
- em.start

- em.stop

- csa.start

- csa.stop

- oo.start

- oo.stop

Note: In case of any errors run *make <target> 2>&1 >logfile.txt* in order to redirect the console to the file.

Chapter 8: Enable Hardware Virtualization

If you see the following dialog, follow the example steps below to enable hardware virtualization in BIOS on your computer:

Step 1. Reboot your computer and press **F10 Bios Setup** during bootup.

Step 2. Select **Device Configurations**.

Step 3. Be sure the **Virtualization Technology** option is checked.